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PTO/SB/21 (04-04)

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FORM

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Total Number of Pages in This Submission	17	Application Number	10/006,174
		Filing Date	12/04/01
		First Named Inventor	Simon Cawley et al.
		Art Unit	1631
		Examiner Name	Lori A. Clow

Attorney Docket Number 3397.1

ENCLOSURES (check all that apply)

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Leticia Block Reg. No. 50,167	
Signature		
Date	August 11, 2004	

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This collection of information is required by 37 CFR 1.6. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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AUG 11 2004

OFFICIAL PATENT
Attorney Docket No. 3397.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Simon Cawley et al.

Examiner: Lori A. Clow

Serial No: 10/006,174

Group Art Unit: 1631

Filing Date: 12/4/2001

**Title: Method and Computer Software
for Products Determining Orientation of
Sequence Clusters.**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT/ RESPONSE

Sir:

In reply to the Office Action mailed 02/11/2004, Applicants respectfully request reconsideration of the pending rejections and reexamination of the present application in view of the following amendments and remarks.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks/Arguments begin on page 8 of this paper.